

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number
WO 2004/050892 A1

(51) International Patent Classification⁷: **C12P 33/00**,
A23L 2/38, C12N 1/20

(KR). CHOO, Min-Kyung [KR/KR]; 858-33, Bang-
bae-4-Dong Seocho-Ku, 137-838 Seoul (KR).

(21) International Application Number:
PCT/KR2003/002609

(74) Agent: **KOREANA PATENT FIRM**; Dong-Kyong
Building, 824-19, Yoksam-Dong, Kangnam-Ku, 135-080
Seoul (KR).

(22) International Filing Date:
29 November 2003 (29.11.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK,
LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE,
SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2002-0077081
5 December 2002 (05.12.2002) KR

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): **HON-
GRIM TRADING CO., LTD.** [KR/KR]; 832-7, Yok-
sam-1-Dong, Kangnam-Ku, 135-936 Seoul (KR).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **KIM, Dong Hyun**
[KR/KR]; No.81-105, Hyundai Apartment, 456, Apku-
jeong-Dong, Kangnam-Ku, 135-905 Seoul (KR). **HAN,**
Myung Joo [KR/KR]; No. 31-304, Hyundai Apartment,
369-1, Apkujeoung-1-Dong, Kangnam-Ku, 135-898 Seoul

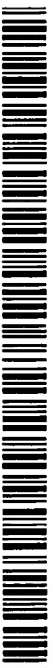
Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: GINSENG FERMENTED BY LACTIC ACID BACTERIUM, YOGHURT CONTAINING THE SAME, AND LACTIC
ACID BACTERIA USED IN THE PREPARATION THEREOF

(57) Abstract: This invention relates to lactic fermenting products of ginseng obtained by fermentation of ginseng using lactic acid
bacteria, yoghurt containing said lactic fermenting products of ginseng, and lactic acid bacteria used in the preparation of said lactic
fermenting products of ginseng.



WO 2004/050892 A1